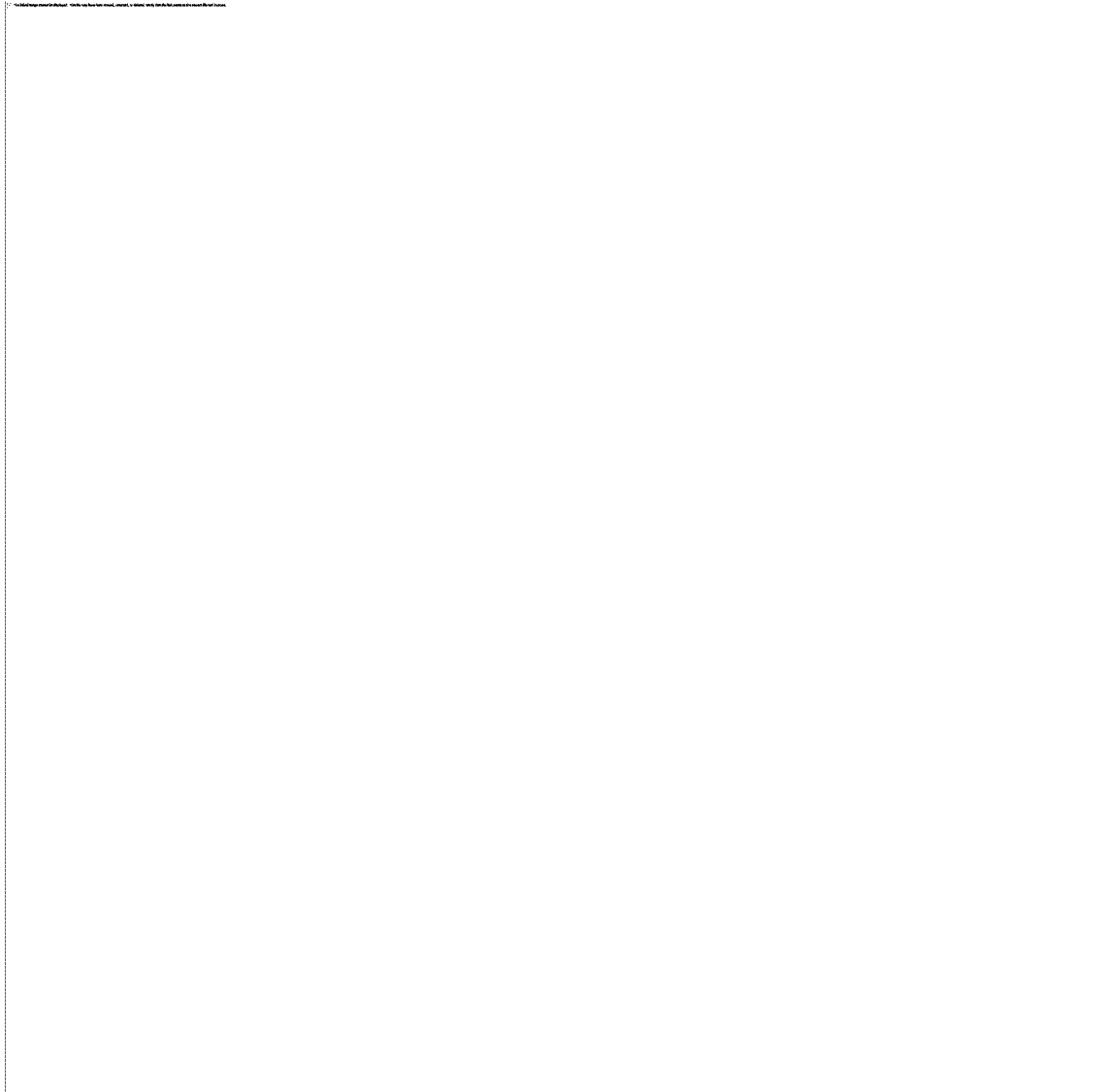


Message

From: Land Veritas Mitigation Banks [bankmanager=landveritas.com@mail71.atl31.mcdlv.net]
on behalf of Land Veritas Mitigation Banks [bankmanager@landveritas.com]
Sent: 4/6/2017 6:23:06 PM
To: Mahdavi, Sarvy [Mahdavi.Sarvy@epa.gov]
Subject: Land Veritas - March Newsletter

Land Veritas - March Newsletter



Land Veritas owner Tracey Brownfield and WRA met with the Petersen Ranch Mitigation Bank Interagency Review Team in March for a close-up look at the results of the Phase 1 mitigation construction at both the main Ranch and the Elizabeth Lake properties. The IRT approved the as-built mitigation and will shortly release more mitigation credits.

At the Ranch, the Phase 1 mitigation activities are focused in the southwestern portion of the Petersen Ranch Bank Property, primarily at two sites: the Rift Valley Restoration Site and the Petersen Stream Restoration Site. The *Rift Valley Restoration Site* was a large, seasonal wetland complex within the San Andreas Fault Rift Zone, dominated by Mexican rush marsh, and with isolated stands of willows, mulefat, and cottonwood. Many large, deep irrigation ponds were scattered throughout this wetland complex and were historically filled by pumping water. The cessation of pumping eliminated the open water habitat and left mostly non-native species with large patches of open ground. This system of ponds is being restored to the wetland habitat that would *naturally* occur. The Rift Valley site underwent three steps in the restoration process: (1) berms were excavated, (2) soils from the excavated berms were used to raise the base elevation of the pond bottoms and, (3) altered soils were replanted with native, wetland/riparian vegetation. Existing, mature riparian habitat was preserved. These mitigation actions have increased the surface area and functional condition of wetlands in formerly degraded habitats.

NATIVE PLANT TREASURE HUNT

There will be a native plant treasure hunt at Petersen Ranch for the California Native Plant Society. It will be either the weekend of April 29-30 or May 6-7. If you are interested in participating please send us an email at: bankmanager@landveritas.com so we can notify you when the date is established.

The *Petersen Stream Restoration Site* includes an ephemeral stream on the western edge of the Bank Property that had been manipulated by previous land-owners. Stream rehabilitation involved grading the stream to widen the channel and remove the confining berm that formed the east bank. These actions will allow floodwaters from the stream to spill into the restored wetland complexes thereby attenuating downstream peak flows, improving water quality, and improving hydrologic connectivity with the floodplain. The streambanks and the restored floodplain have been planted with riparian species.

At *Elizabeth Lake*, an existing dam that blocked alluvial flows from the Angeles National Forest was lowered and armored with over 80 tons of rip-rap to prevent erosion and reduce water velocity. With increased sediment transport across the dam face, active channels will form naturally on the floodplain and will migrate across the surface with subsequent flood events. This regular pattern of hydrologic influence and disturbance will rehabilitate the entire alluvial floodplain and create suitable habitat for alluvial floodplain species.

The IRT's approval means that additional credits will soon be available for purchase, including

Wetland Riparian, Seasonal Wetland, and Non-Wetland Riparian, Alluvial Floodplain and Ephemeral Stream. Petersen Ranch Mitigation Bank also has upland credits available, as well as Porter Cologne, CEQA and Swainson's Hawk.

To inquire about mitigation credits or to schedule a tour of the Petersen Ranch or Soquel Canyon Mitigation Banks, please call our Bank Manager at (877) 445-8699 or email bankmanager@landveritas.com.



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You are receiving this notification because you signed up to receive them on our website or you are on our mailing list to receive notifications and updates about available mitigation credits for servicing your project's CEQA and regulatory needs.

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